



## Technical information

### Data

■ Outer jacket	TPE-O
■ Bus wire	nickel plated copper
■ Maximum exposure temperature (power off)	80 °C
■ Maximum exposure temperature (power on)	65 °C
■ Nominal voltage	230 V
■ Bending radius, min.	25 mm
■ Installation temperature, min.	-45 °C
■ Classification	II 2G Ex e IIC Gb II 2D Ex tb IIIC Db
■ Certificates	IECEX EPS 12.0006U 12ATEX1431U

### Heating circuit lengths ELSR-N-...-2 on the following conditions:

- 230 V nominal voltage
- Delayed action circuit breakers (C-characteristic) with 80 % maximum load
- Maximum 10 % line voltage drop on the heating cable bus wire
- One (1) single end power input heating cable

Switch-on temperature	Nominal cutout value (A)	Heating circuit length (m) for			
		ELSR-N-10-2	ELSR-N-20-2	ELSR-N-30-2	ELSR-N-40-2
10	10	128	68	52	36
	16	177	109	83	57
	20	177	129	104	71
	25	177	129	113	89
	32	177	129	113	94
0	10	106	57	45	31
	16	160	92	71	50
	20	160	115	89	62
	25	160	119	105	78
-10	10	90	50	39	28
	16	144	79	63	44
	20	149	99	78	55
	25	149	111	98	69
-20	10	78	44	35	25
	16	125	70	56	40
	20	139	87	69	50
	25	139	104	87	62
-40	10	62	35	28	21
	16	99	56	45	33
	20	124	71	57	42
	25	124	88	71	52
	32	124	88	71	66

## Type ELSR-N up to 80 °C

### Design

- BO Protective braid and a thermoplastic outer jacket
- AO Aluminium foil and a thermoplastic outer jacket
- BOT Protective braid and a fluoropolymer outer jacket

Type	Nominal output	Dimensions approx. (mm)	Weight approx. (g/m)	Art. No.
ELSR-N-10-2-AO	10 W/m at 10 °C	13,6 x 5,5	91	B0200130
ELSR-N-10-2-BO	10 W/m at 10 °C	14,1 x 5,8	108	B0200110
ELSR-N-10-2-BOT	10 W/m at 10 °C	13,8 x 5,6	108	B0200119
ELSR-N-20-2-AO	20 W/m at 10 °C	13,6 x 5,5	91	B0200230
ELSR-N-20-2-BO	20 W/m at 10 °C	14,1 x 5,8	108	B0200210
ELSR-N-20-2-BOT	20 W/m at 10 °C	13,8 x 5,6	108	B0200219
ELSR-N-30-2-AO	30 W/m at 10 °C	13,6 x 5,5	91	B0200330
ELSR-N-30-2-BO	30 W/m at 10 °C	14,1 x 5,8	108	B0200310
ELSR-N-30-2-BOT	30 W/m at 10 °C	13,8 x 5,6	108	B0200319
ELSR-N-40-2-AO	40 W/m at 10 °C	13,6 x 5,5	91	B0200430
ELSR-N-40-2-BO	40 W/m at 10 °C	14,1 x 5,8	108	B0200410
ELSR-N-40-2-BOT	40 W/m at 10 °C	13,8 x 5,6	108	B0200419

### ELSR-N-...-2 output

(on insulated metallic pipes in accordance with EN 62395-1)

